Fig. 1A

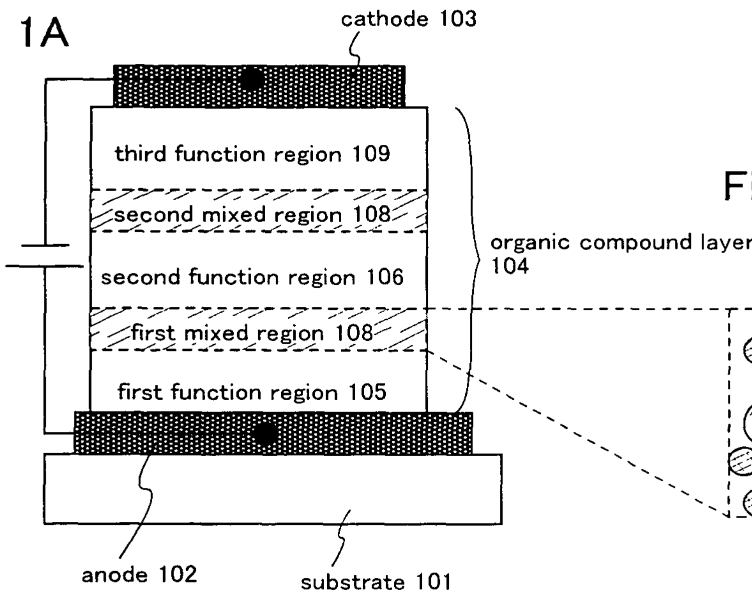


Fig. 1B

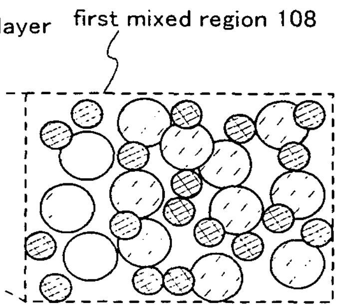


Fig. 1C

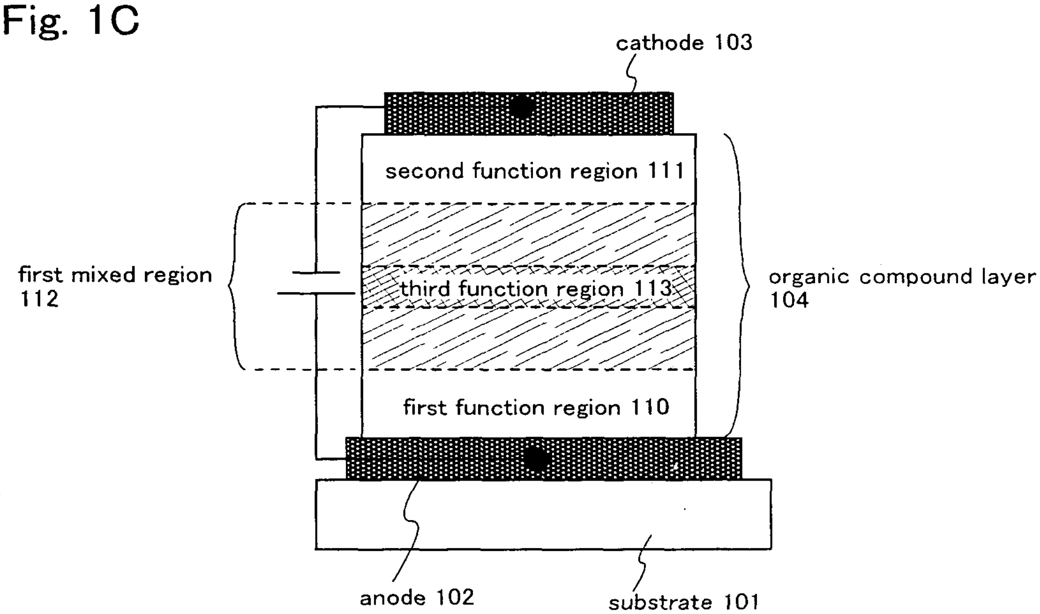


Fig. 2A

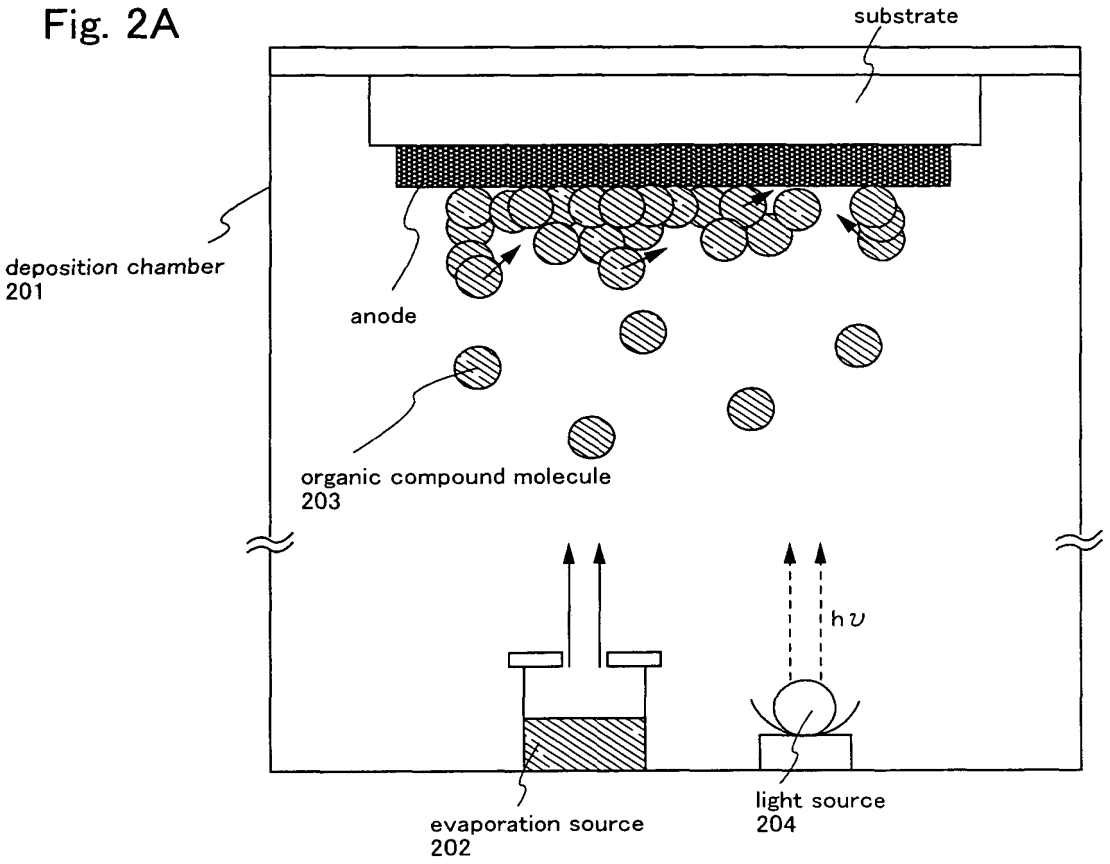


Fig. 2B

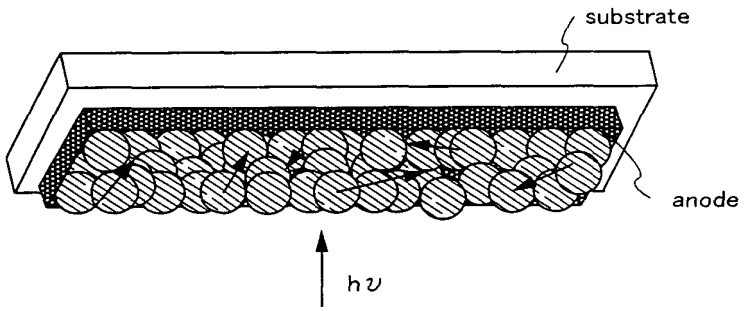


Fig. 2C

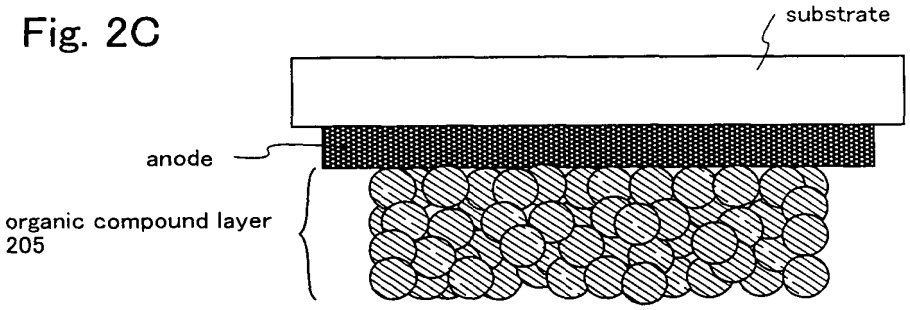


Fig. 3A

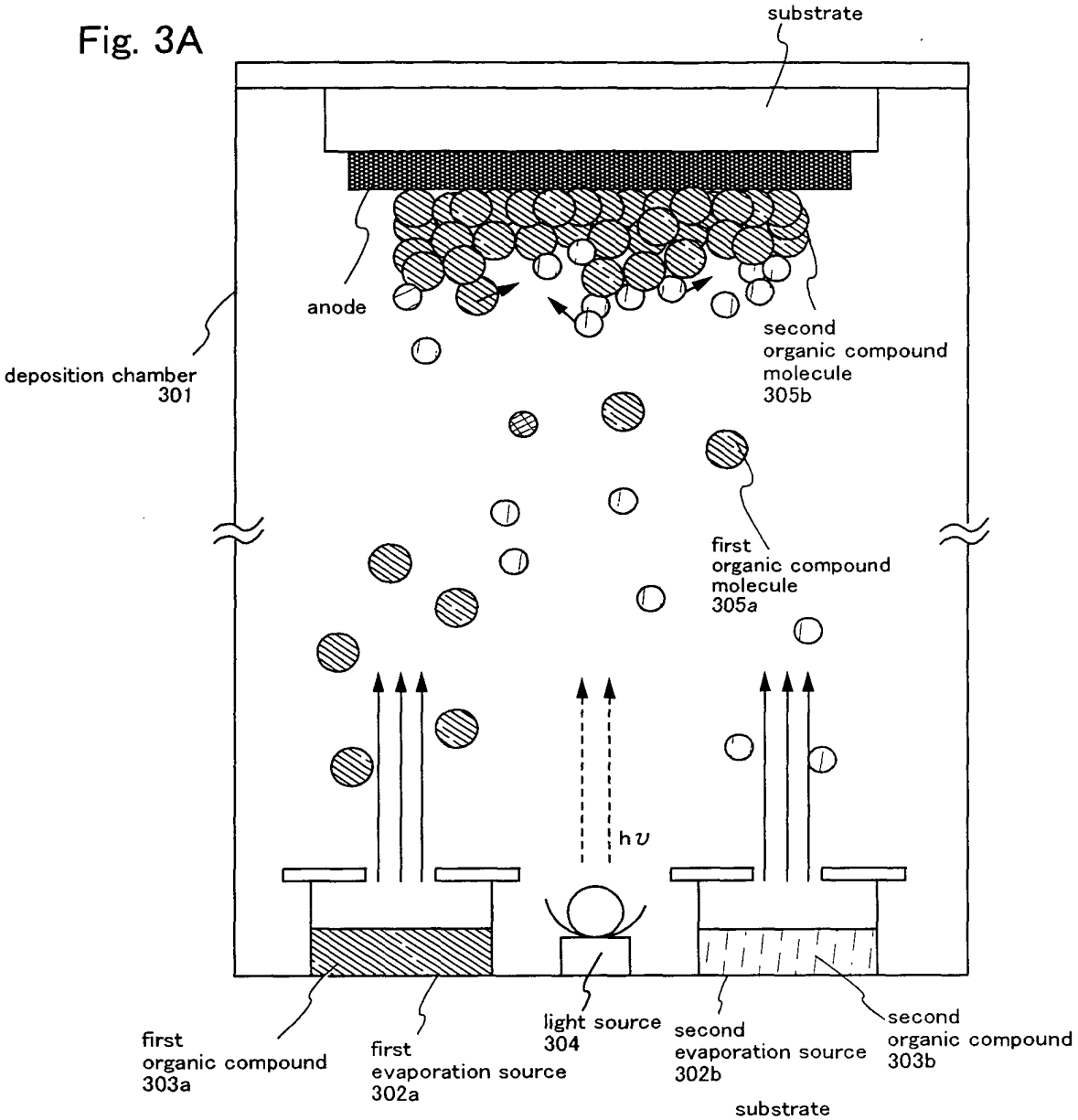

substrate
anode
deposition chamber
301
second
organic compound
molecule
305b
first
organic compound
molecule
305a
hυ
first
organic compound
303a
first
evaporation source
302a
light source
304
second
evaporation source
302b
second
organic compound
303b

Fig. 3B

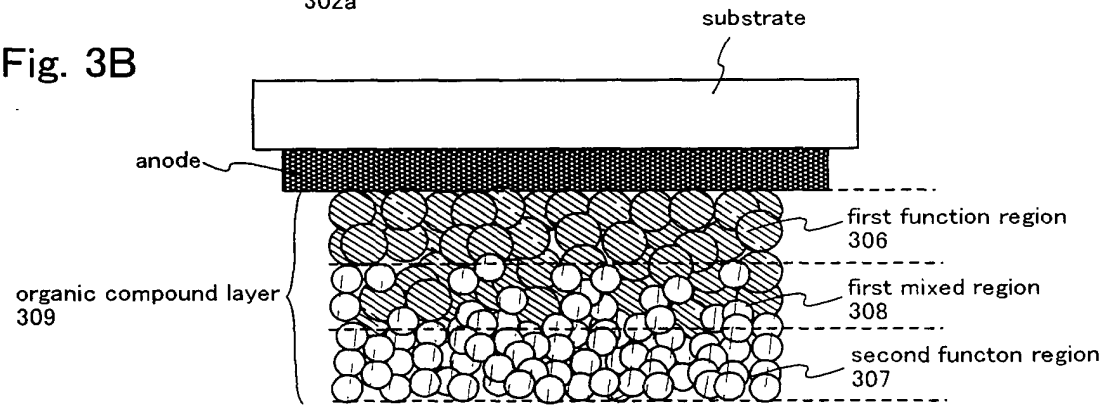

substrate
anode
first function region
306
first mixed region
308
second functon region
307
organic compound layer
309

Fig. 4A

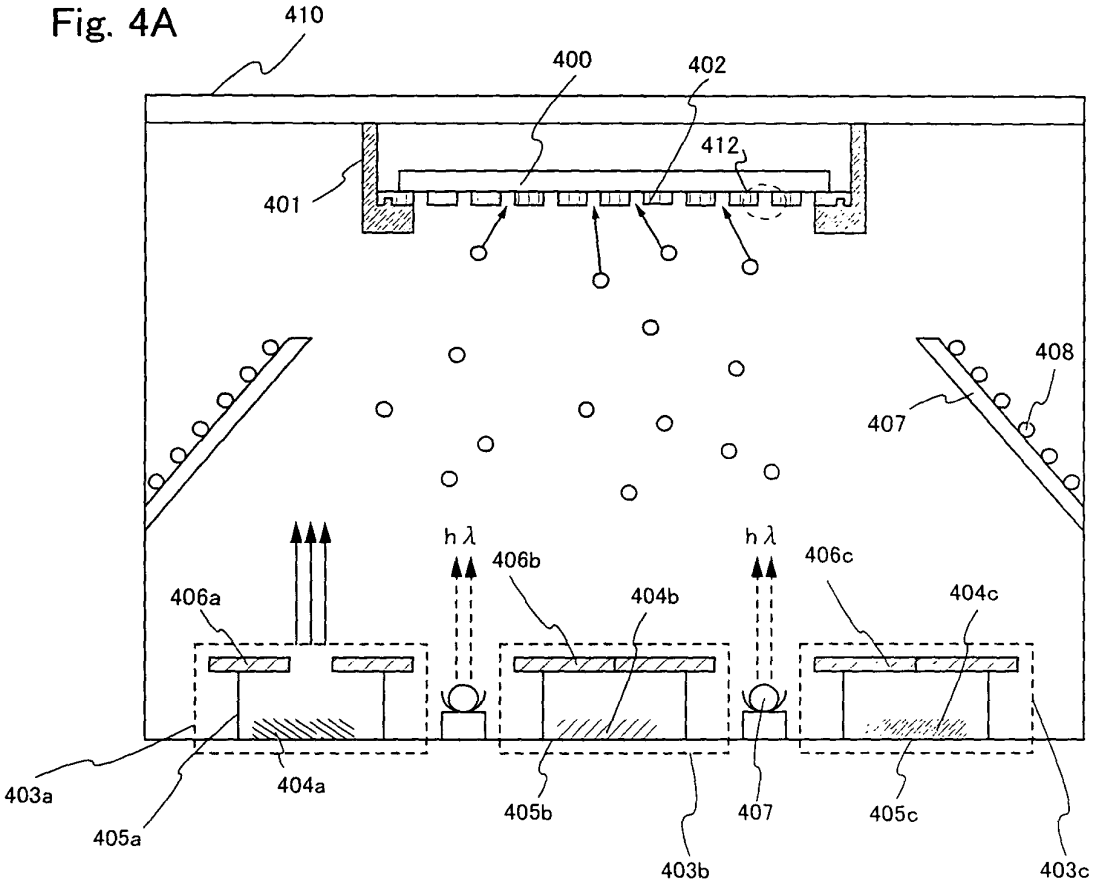

410
400
402
412
401
408
407
h λ
406b
h λ
406c
406a
404b
404c
403a
404a
405a
405b
407
405c
403b
403c

Fig. 4B

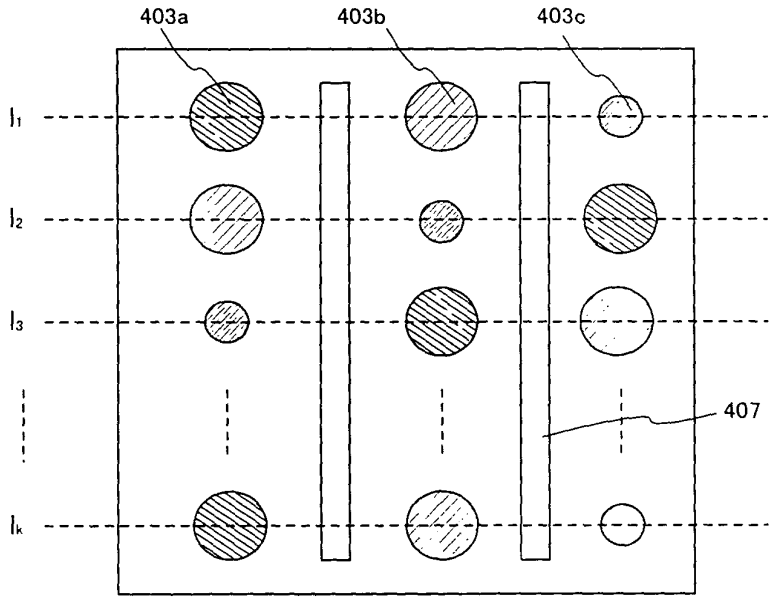

403a
403b
403c
l_1
l_2
l_3
l_k
407

Fig. 5A

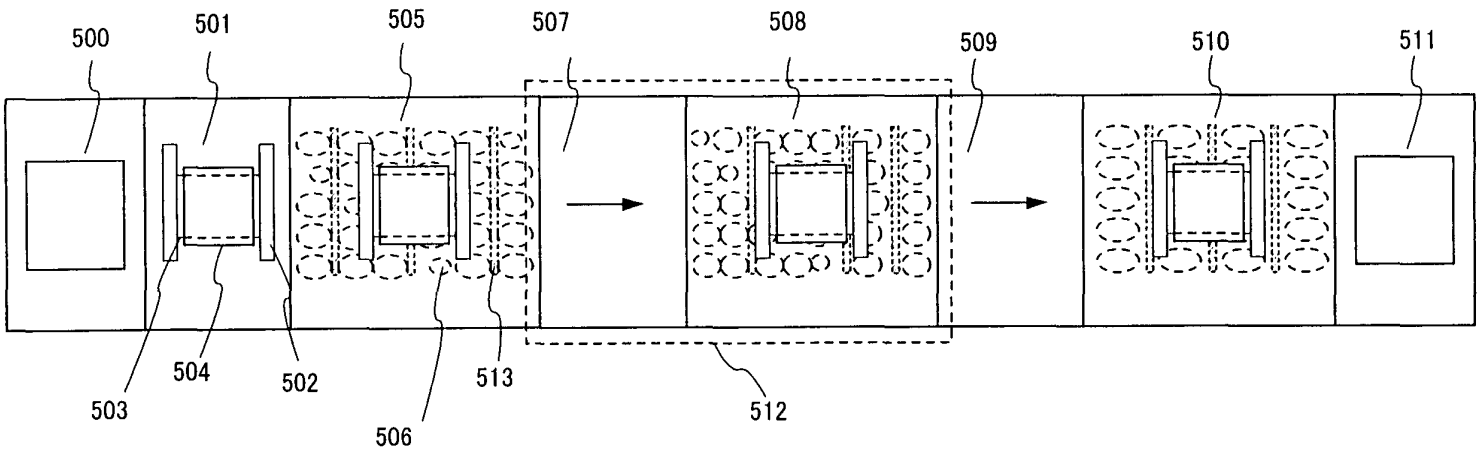

500
501
505
507
508
509
510
511
503
504
502
506
513
512

Fig. 5B

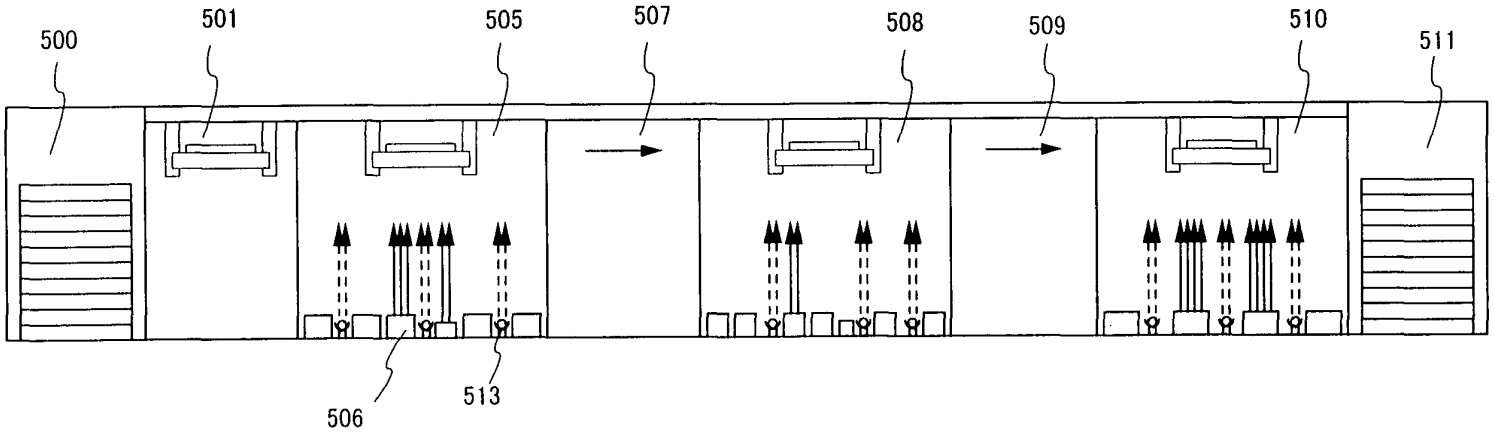

500
501
505
507
508
509
510
511
506
513

Fig. 6A

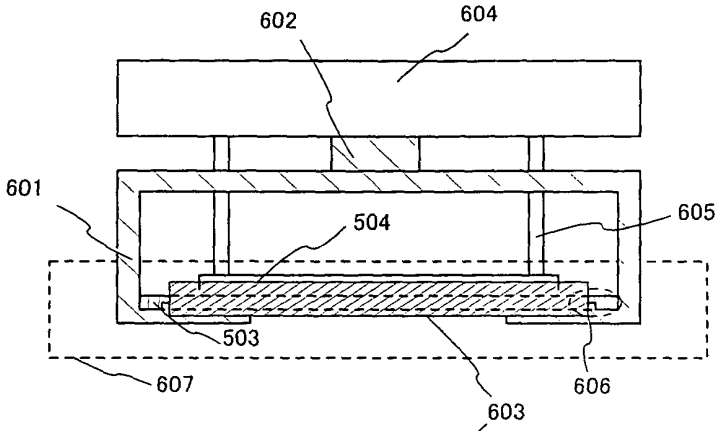


Fig. 6B

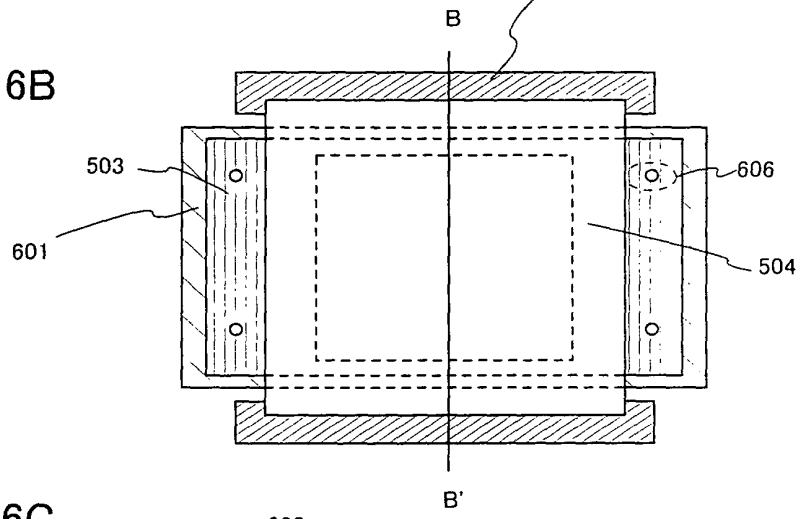


Fig. 6C

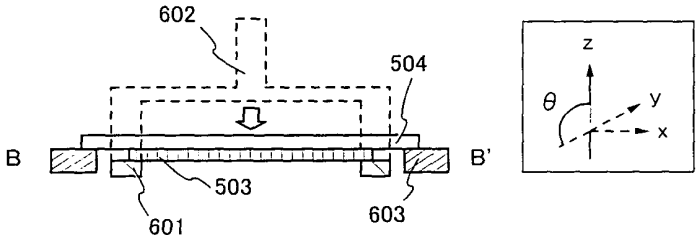


Fig. 6D

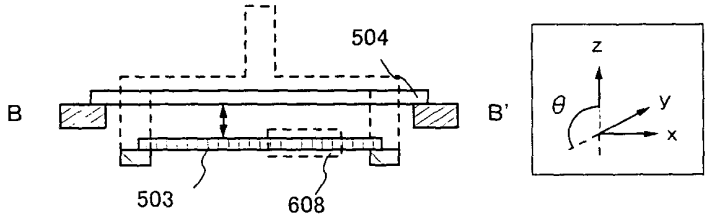


Fig. 6E

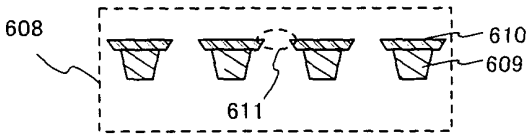


Fig. 7

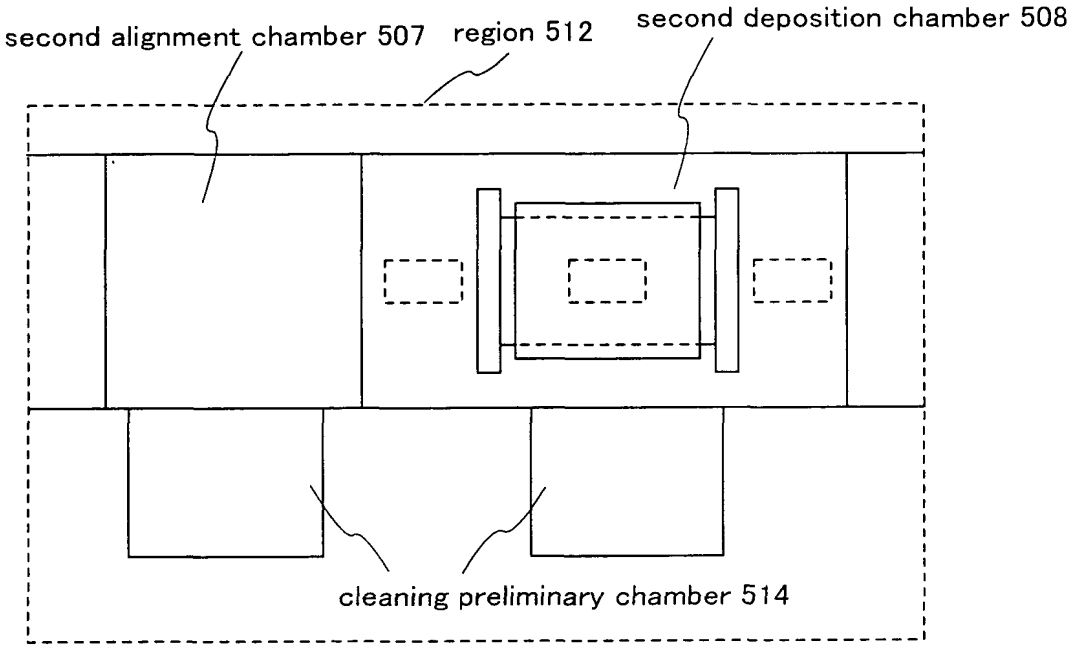

second alignment chamber 507
region 512
second deposition chamber 508
cleaning preliminary chamber 514

Fig. 8

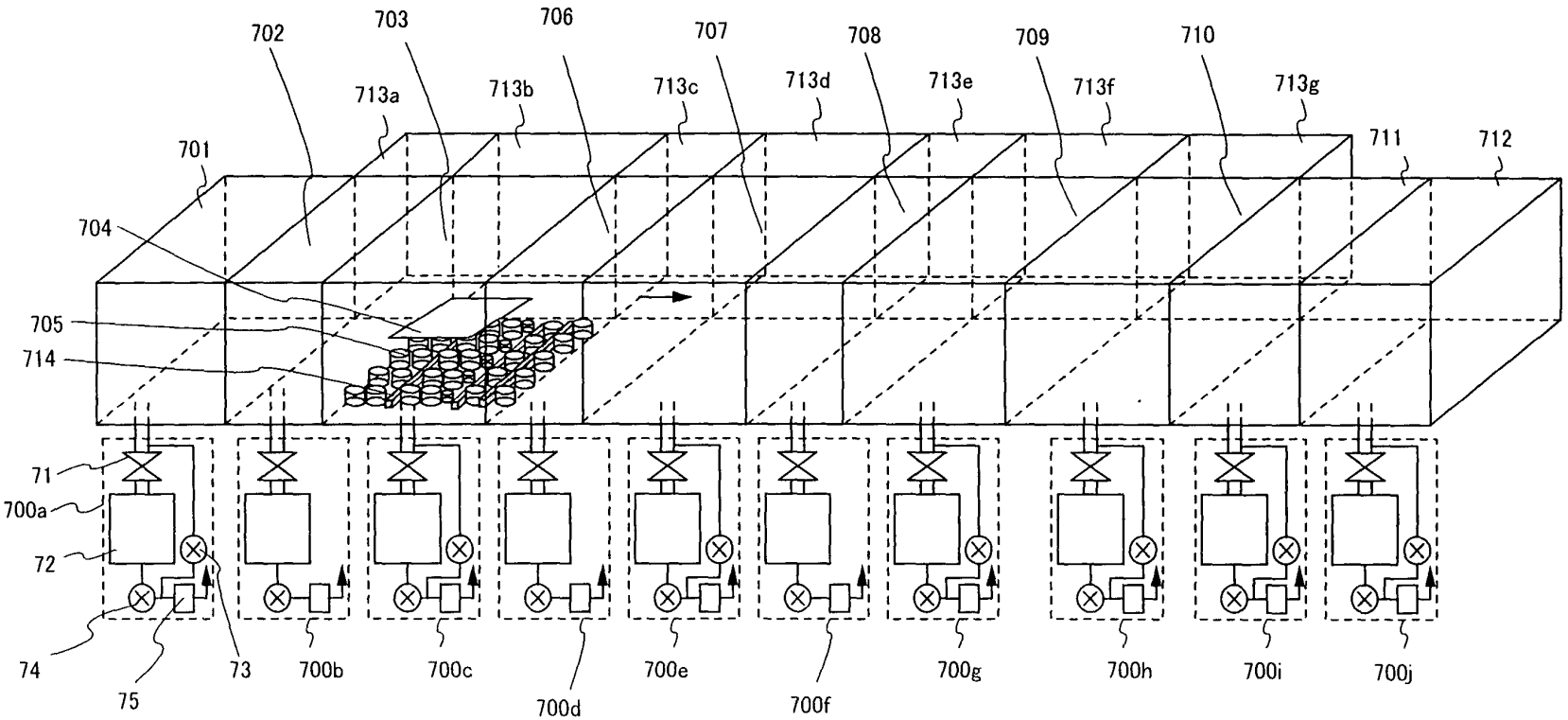

702
703
706
707
708
709
710
713a
713b
713c
713d
713e
713f
713g
701
711
712
704
705
714
71
700a
72
74
75
73
700b
700c
700d
700e
700f
700g
700h
700i
700j

Fig. 9A

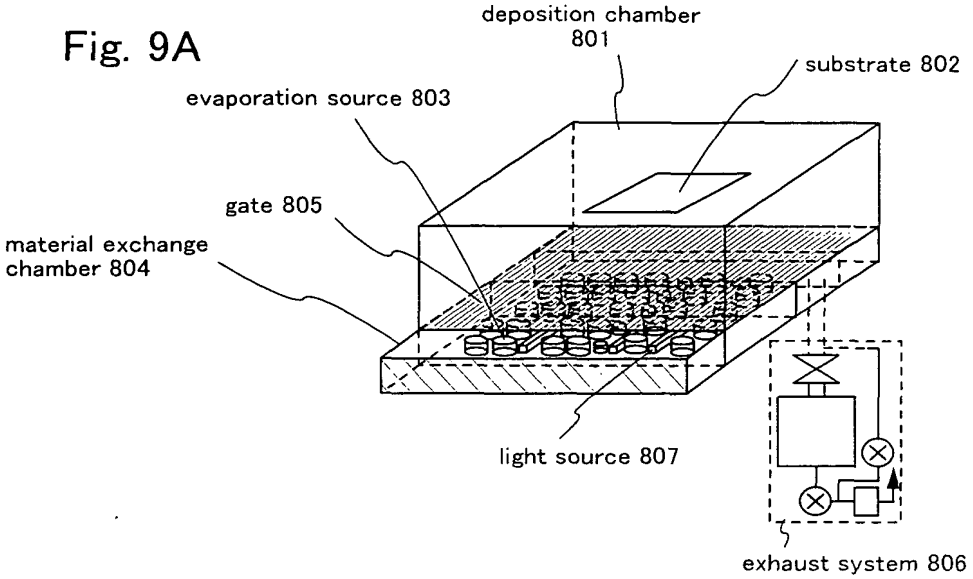


Fig. 9B

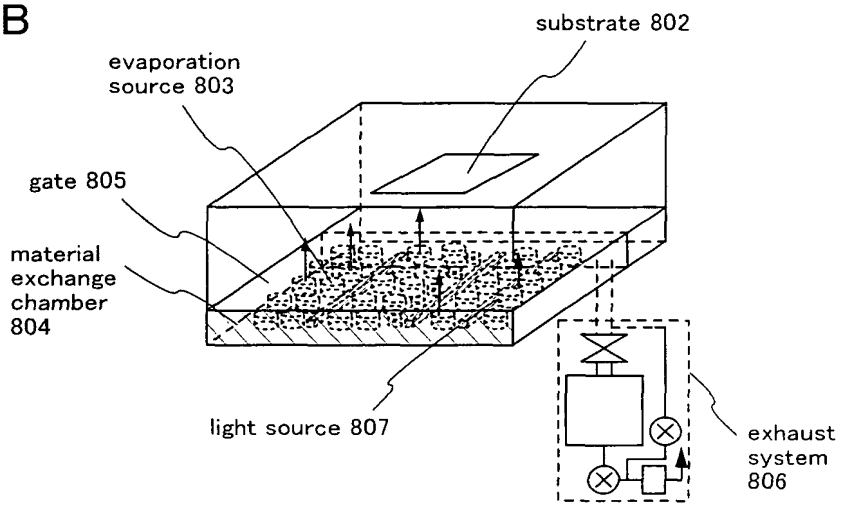


Fig. 9C

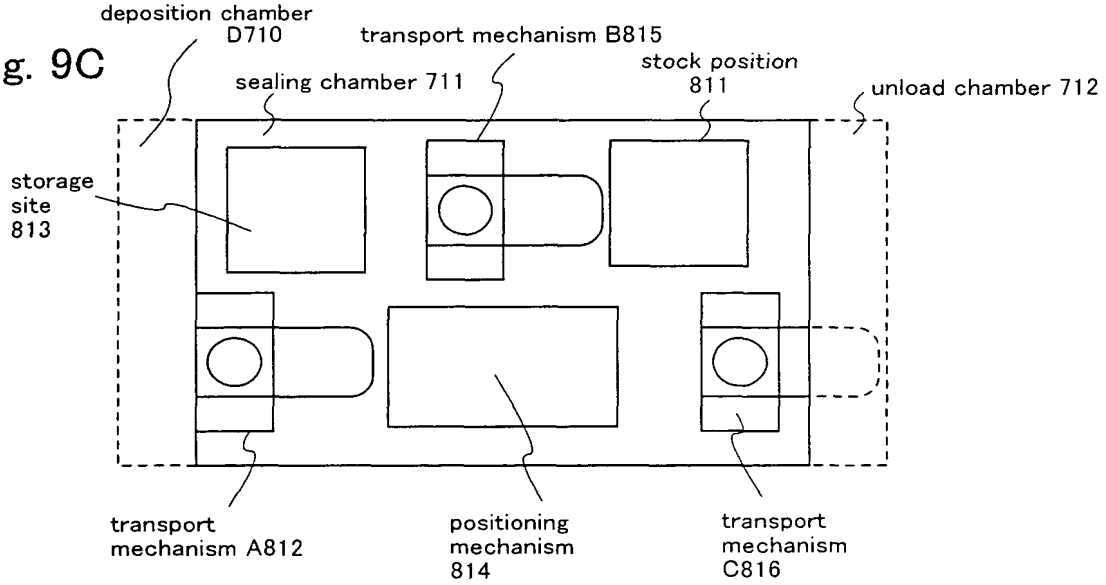


Fig. 10A

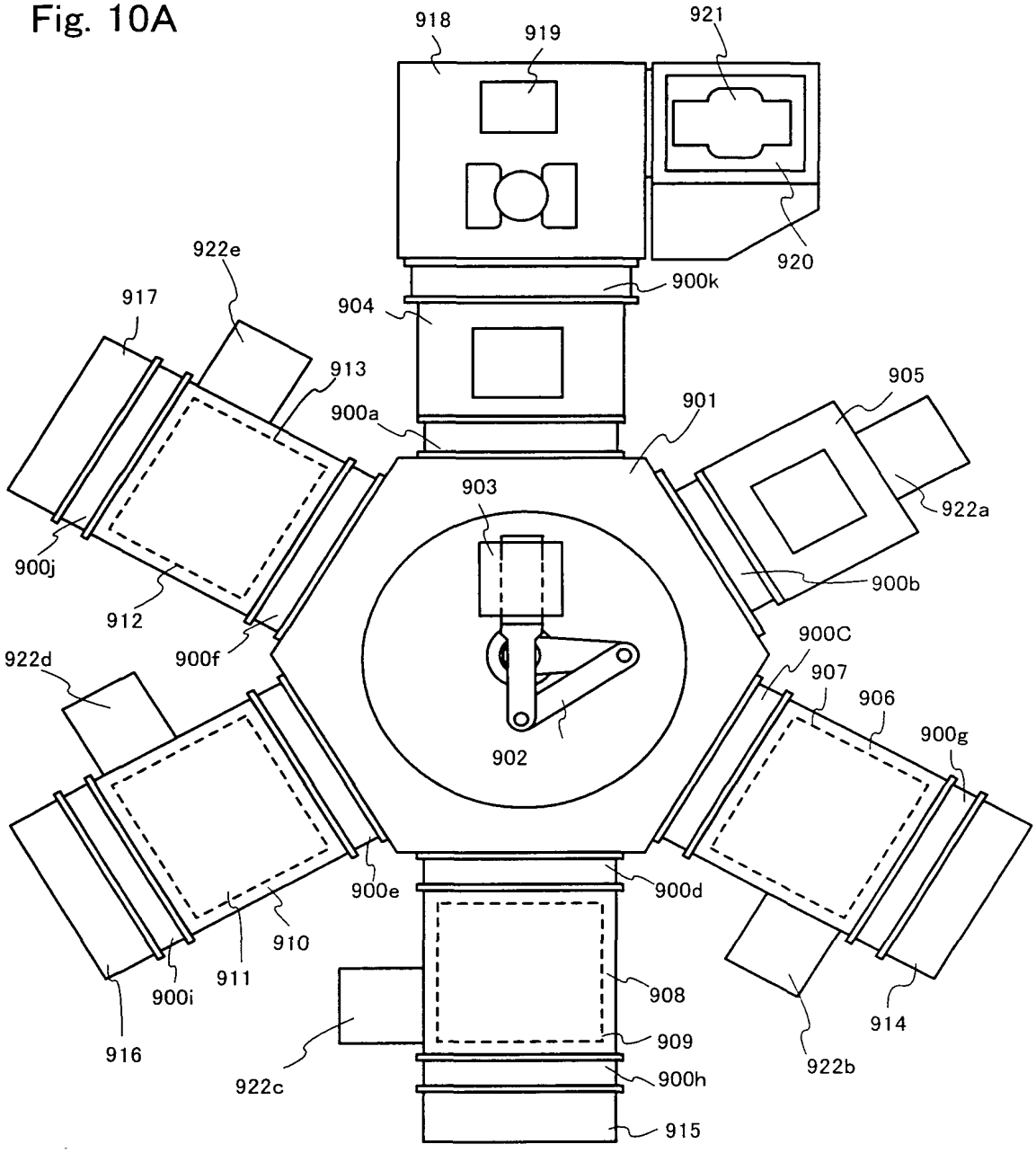


Fig. 10B

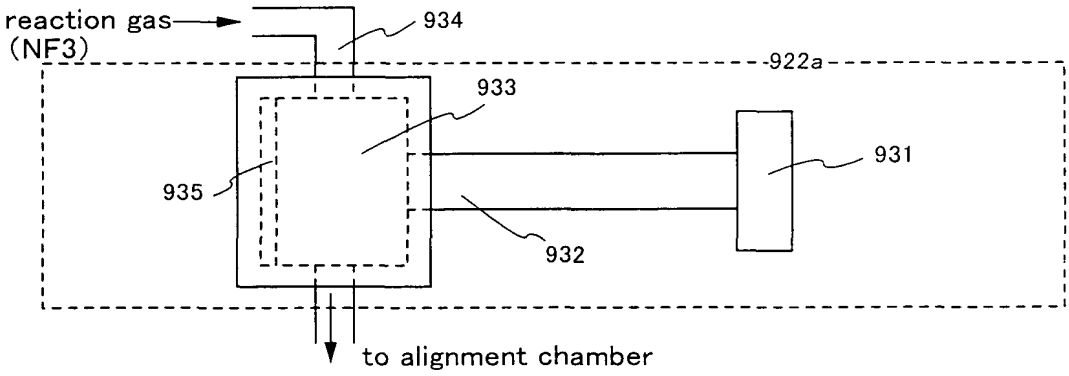


Fig. 11A

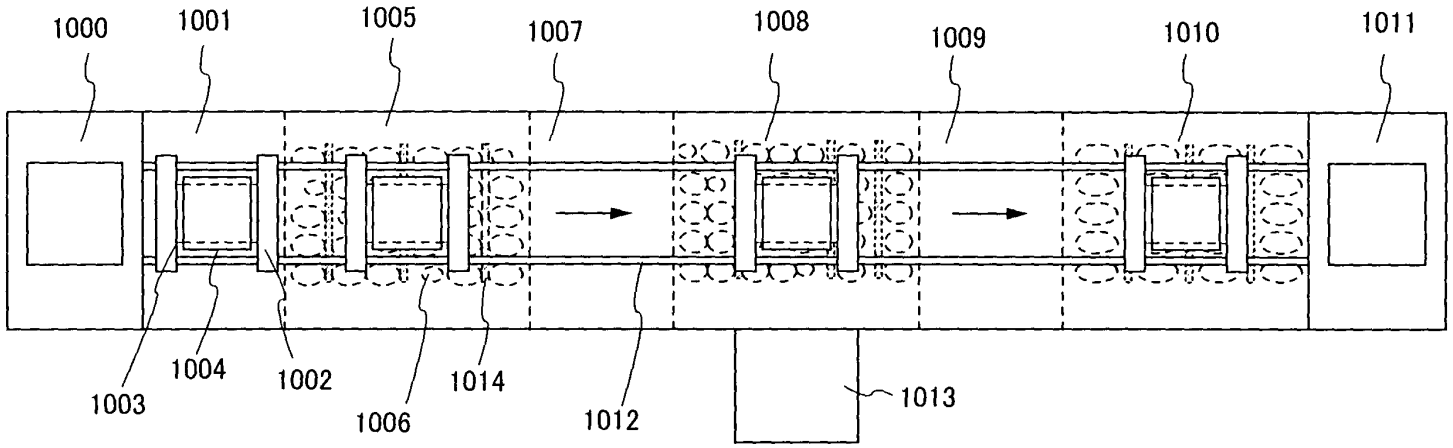


Fig. 11B

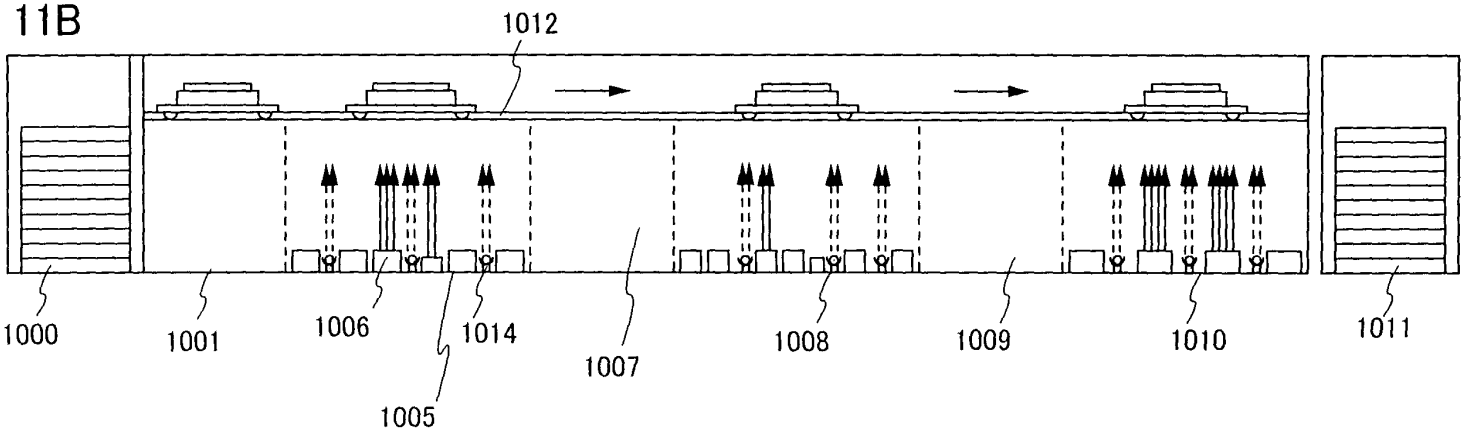


Fig. 12

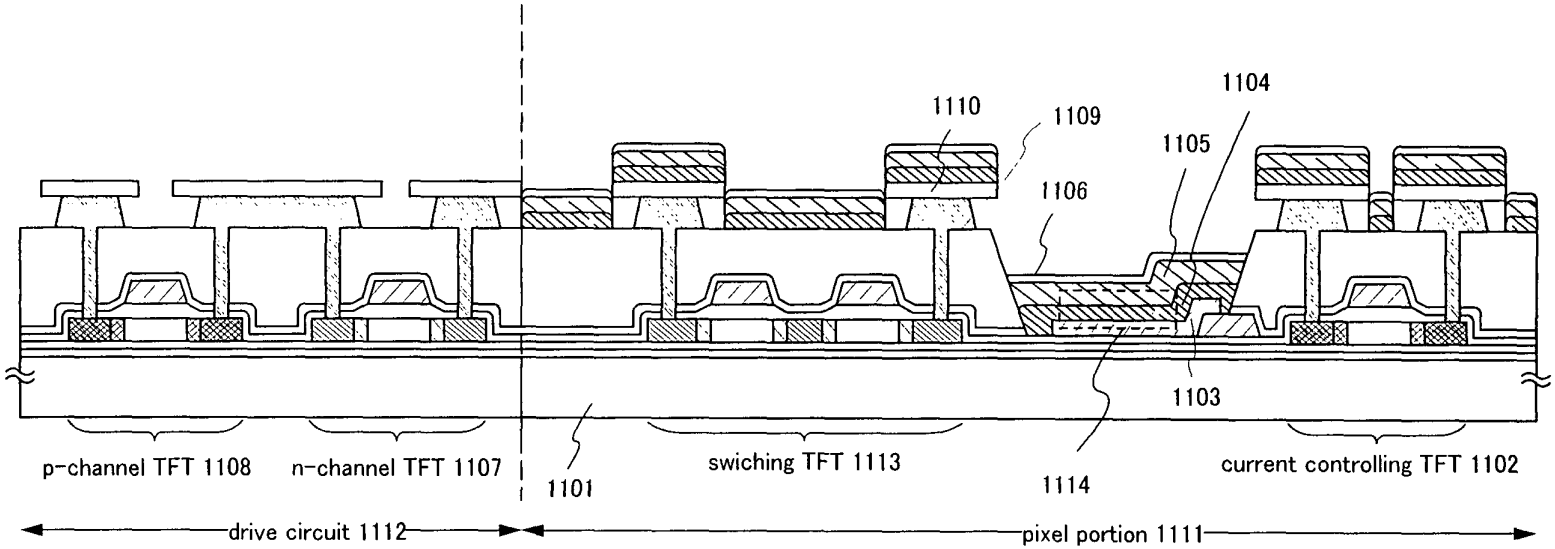

1110
1109
1104
1105
1106
1103
p-channel TFT 1108
n-channel TFT 1107
1101
swiching TFT 1113
1114
current controlling TFT 1102
drive circuit 1112
pixel portion 1111

Fig. 13A

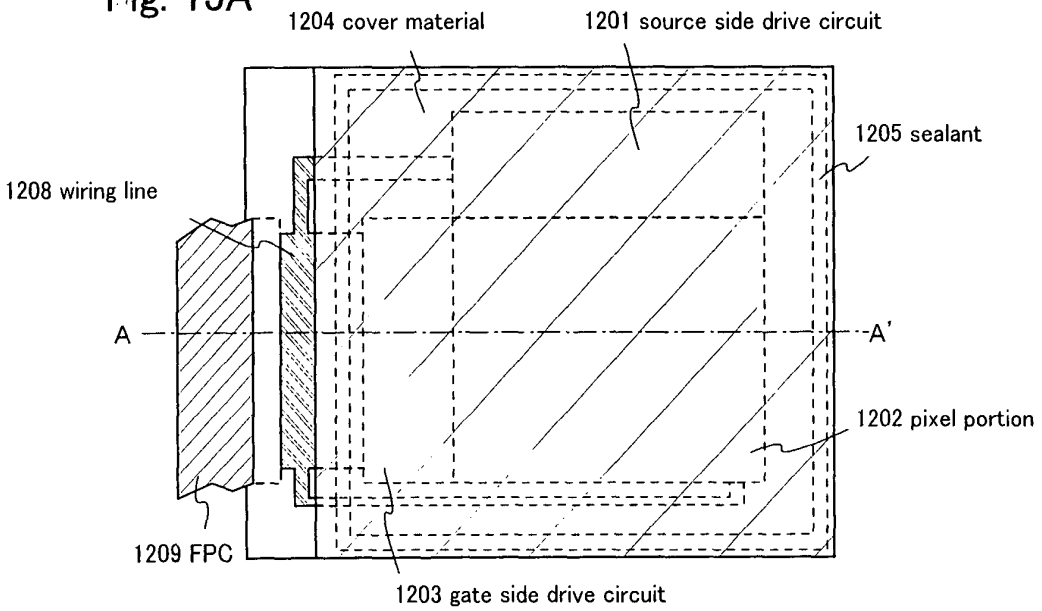


Fig. 13B

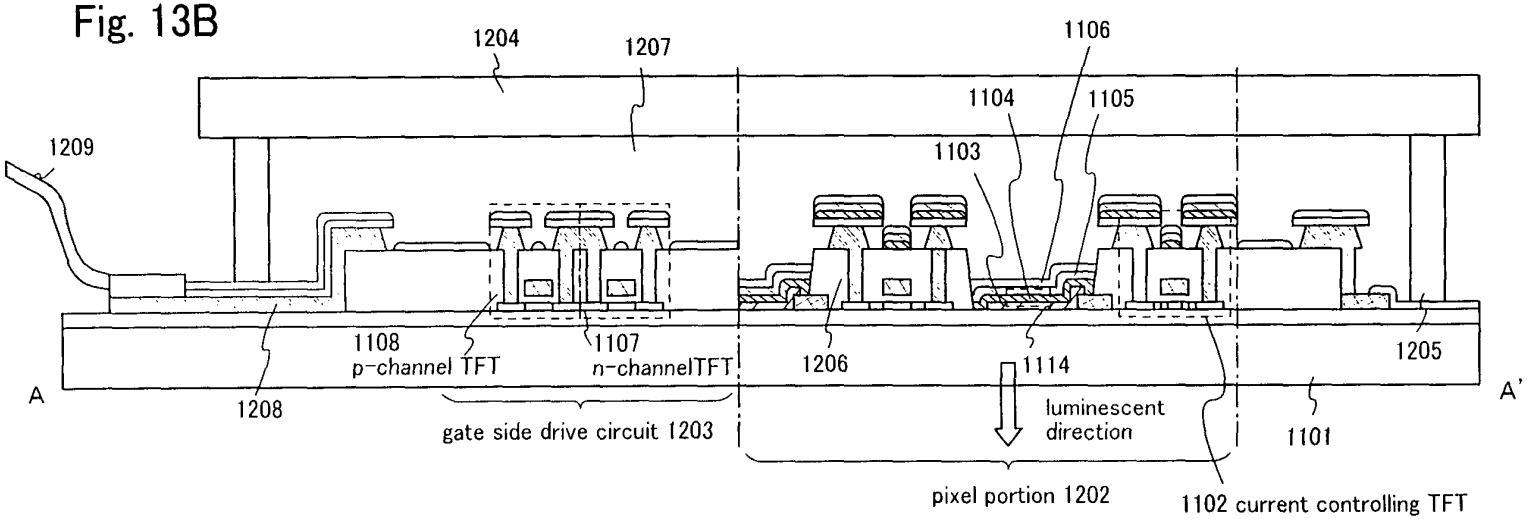


Fig. 14

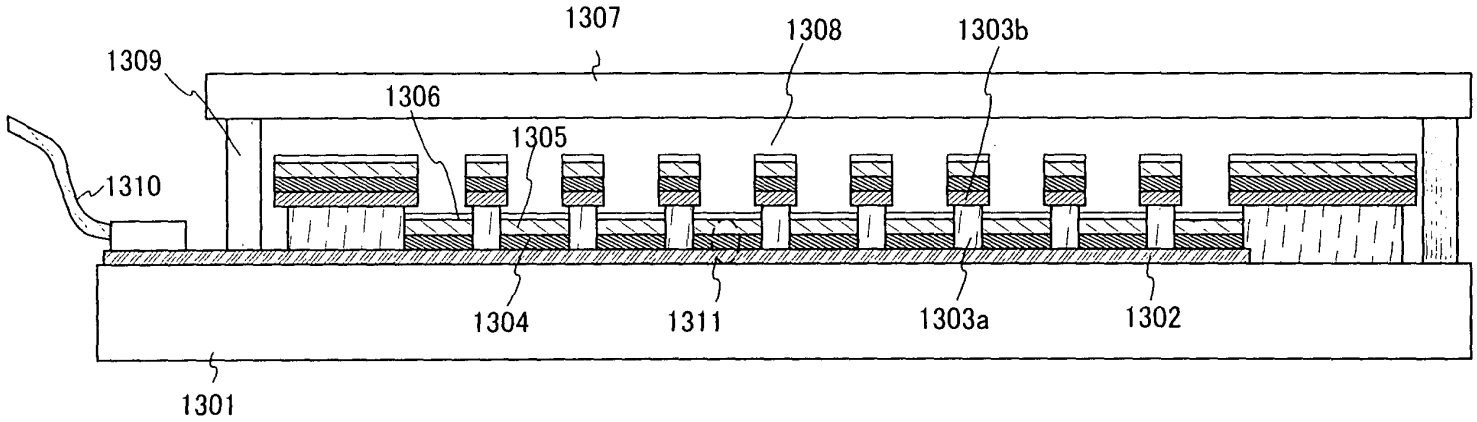

1307
1308
1303b
1309
1306
1305
1310
1304
1311
1303a
1302
1301

Fig. 15A

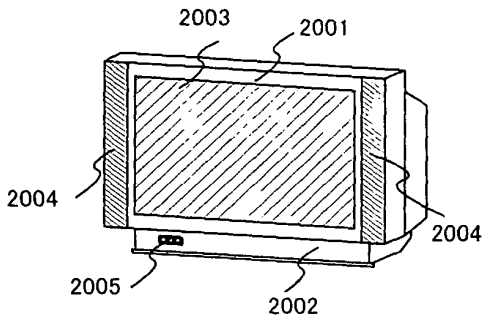


Fig. 15B

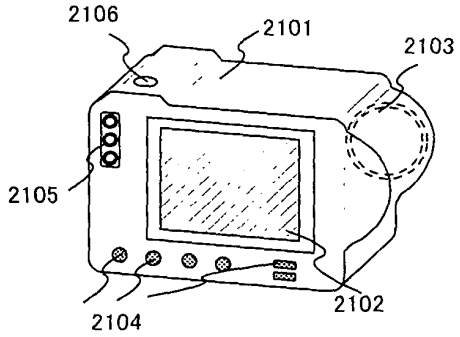


Fig. 15C

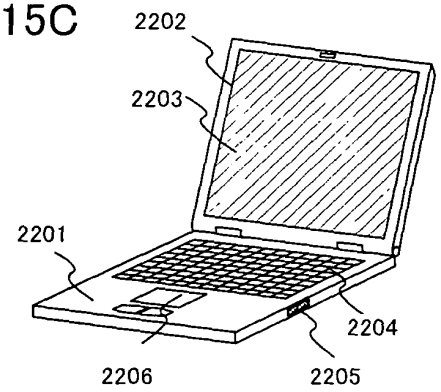


Fig. 15D

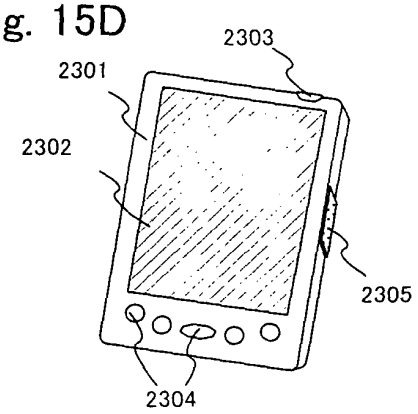


Fig. 15E

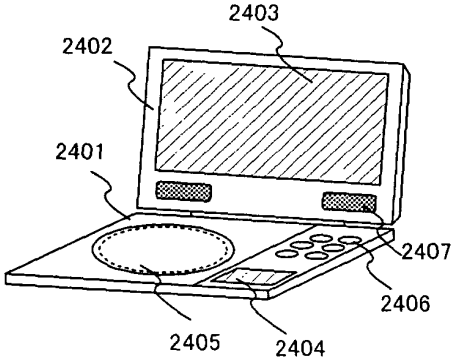


Fig. 15F

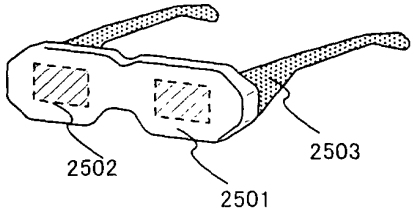


Fig. 15G

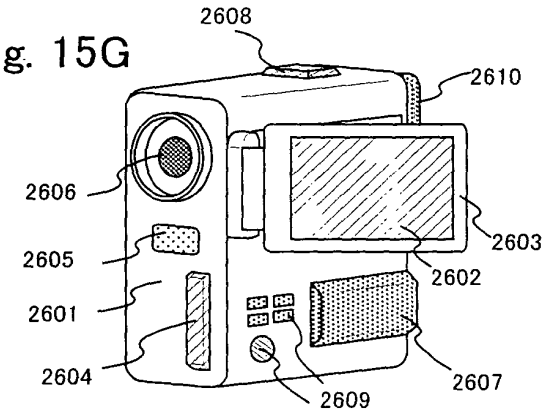


Fig. 15H

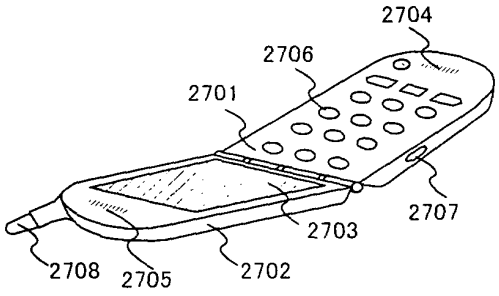
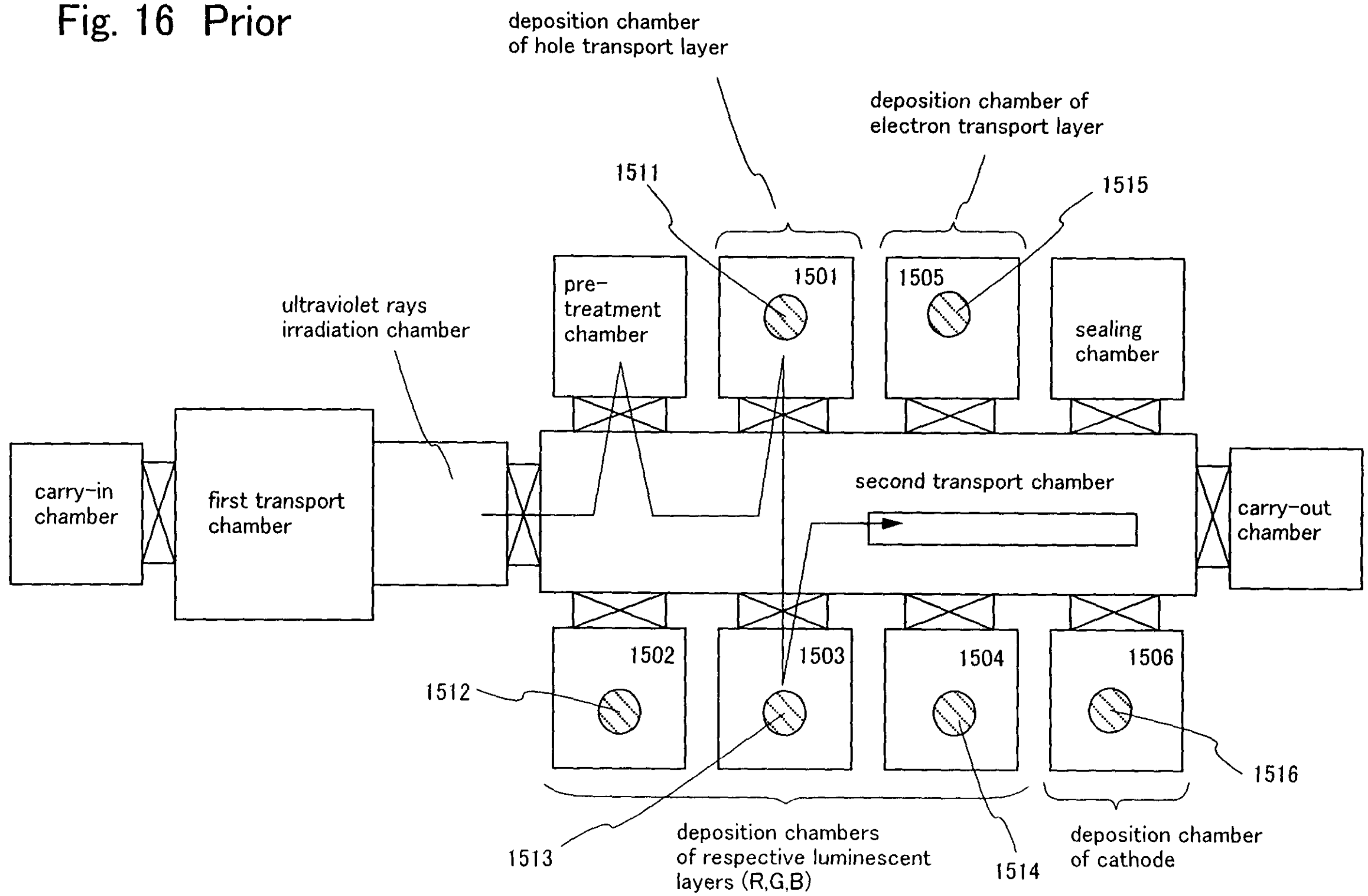


Fig. 16 Prior


deposition chamber
of hole transport layer
deposition chamber of
electron transport layer
1511
1515
1501
1505
pre-
treatment
chamber
sealing
chamber
ultraviolet rays
irradiation chamber
carry-in
chamber
first transport
chamber
second transport chamber
carry-out
chamber
1502
1503
1504
1506
1512
1516
1513
deposition chambers
of respective luminescent
layers (R,G,B)
1514
deposition chamber
of cathode

Prior

Fig. 17A

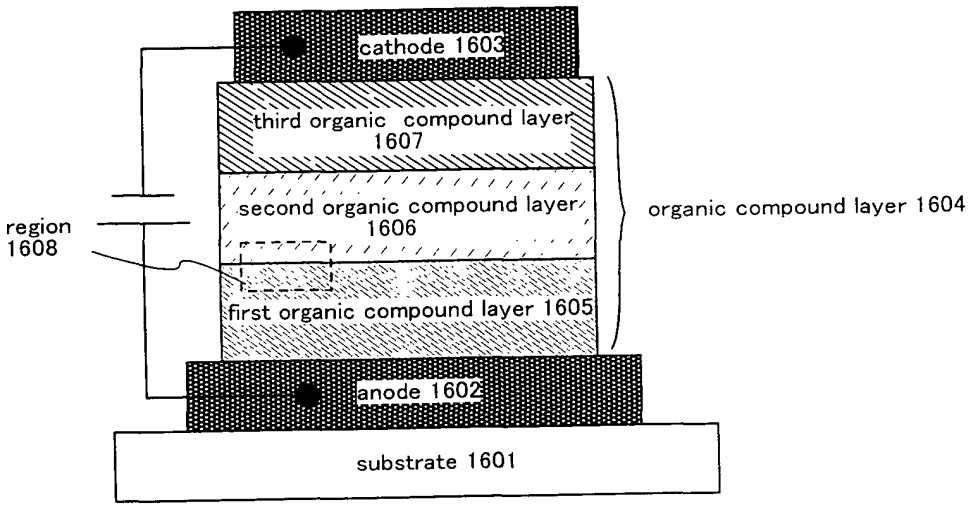


Fig. 17B

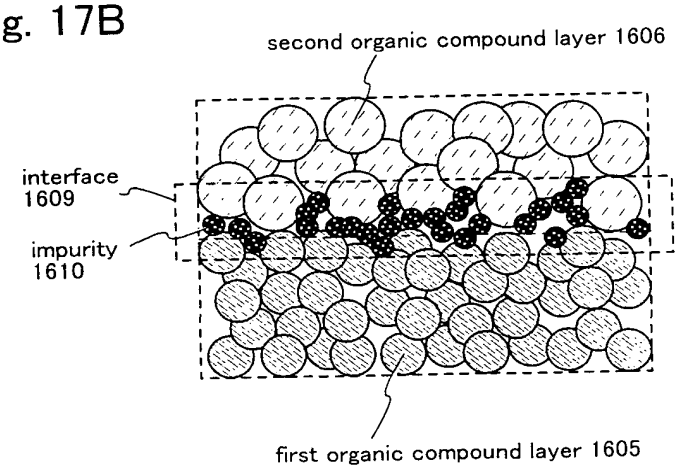


Fig. 18A color filter method

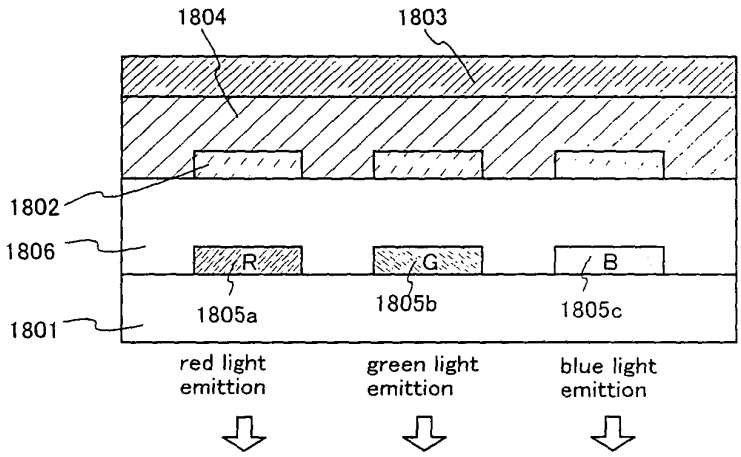


Fig.18B CCM (color changing mediums) method

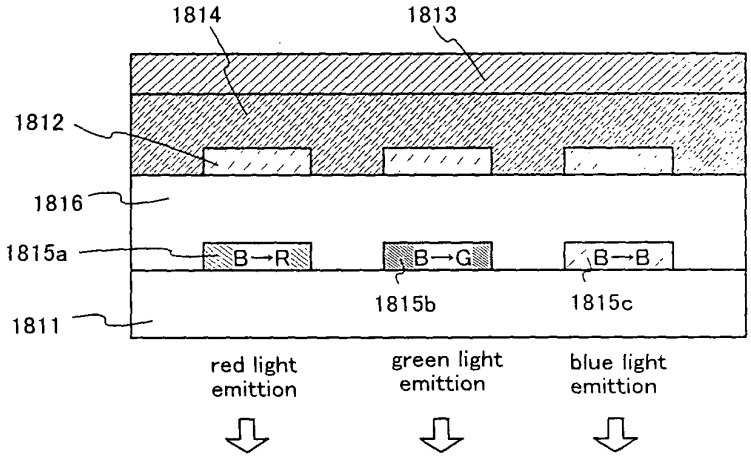


Fig.19A

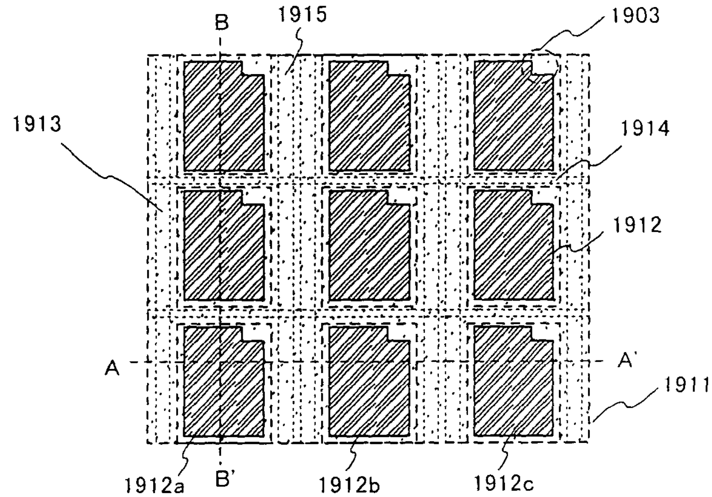


Fig. 19B

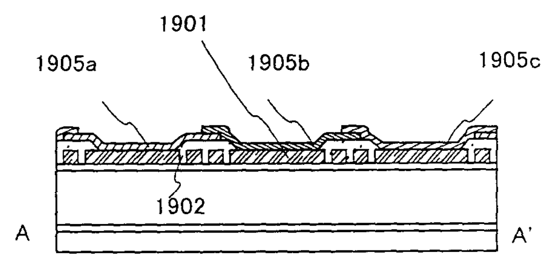


Fig. 19C

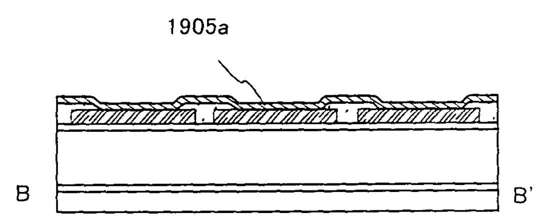
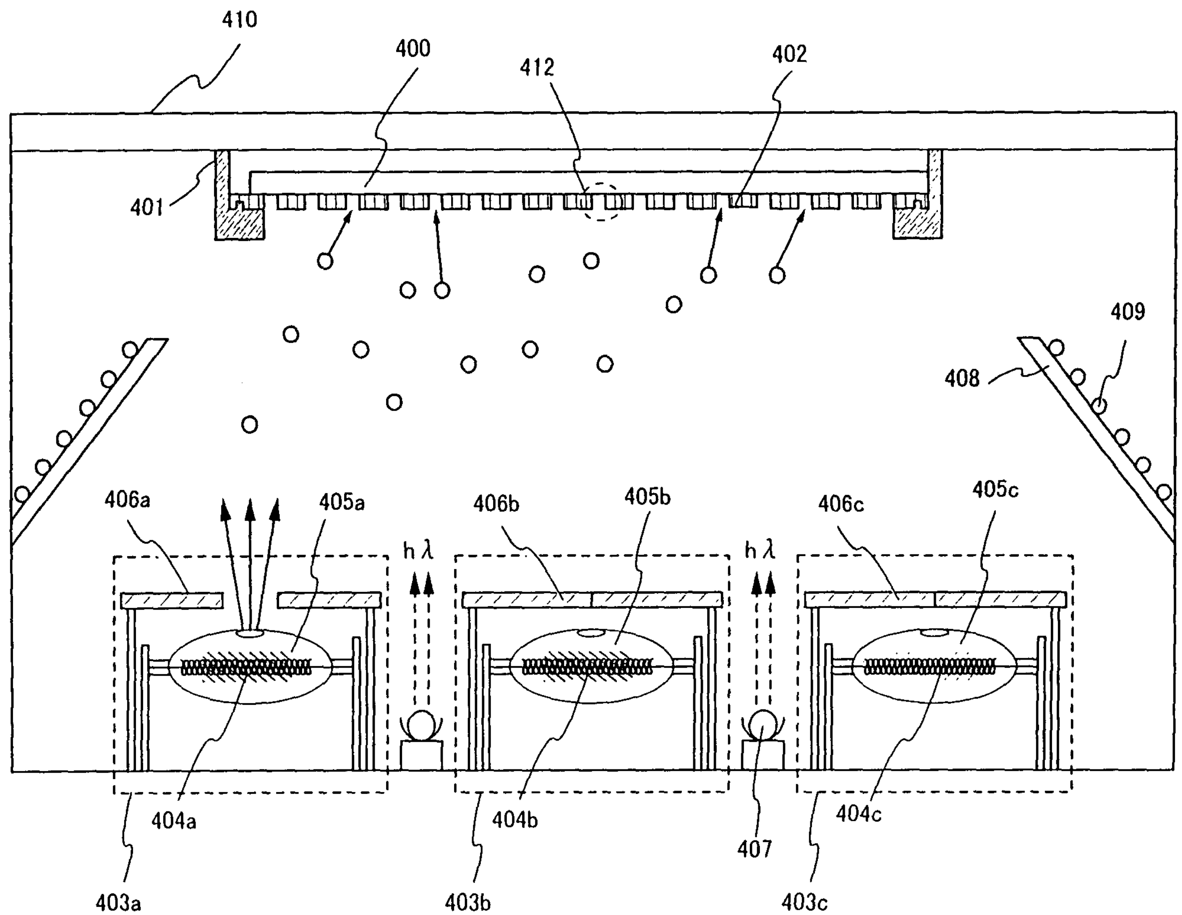


Fig. 20


410
400
412
402
401
409
408
406a
405a
406b
405b
406c
405c
h λ
h λ
404a
404b
404c
407
403a
403b
403c